

July 10, 2006

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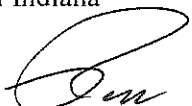
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**MEMORANDUM**

To: Service List (attached)  
USEPA, Underground Injection Control Branch (WU-16J)  
Alan Tenenbaum, U.S. Department of Justice  
Mary Ann Habeeb, State of Indiana

From: Ronald E. Hutchens, P.E. 

Subject: Progress Report No. 170  
June 1 through June 30, 2006  
Remedial Design/Remedial Action  
Midco I and II Sites, Gary, Indiana

**PROGRESS TOWARD IMPLEMENTING THE CONSENT DECREE**

- Continued operation of the Midco I and II Sites' ground water extraction and treatment systems (GWETS) and injection of treated ground water.
- Continued operations of the Midco I soil vapor extraction (SVE) system and the Midco II soil vapor extraction/air sparge (SVE/AS) system. Monthly monitoring of the systems was performed the week of June 26, 2006.
- Provided supplemental information in support of the request to discontinue ambient air monitoring to the United States Environmental Protection Agency (USEPA) in a letter dated June 6, 2006.
- Collected the quarterly influent and effluent samples from the Midco I and II Sites' ground water treatment system (GWTS) on June 12, 2006.
- Submitted responses to USEPA comments on the Revised *Operations, Maintenance, Monitoring and Closure Plan* for the Midco II SVE/AS System in a letter dated June 16, 2006.
- Submitted the Quarterly Operations, Maintenance, Monitoring and Closure and Ambient Air Progress Report No. 1 for the Midco II SVE/AS system to the USEPA in a letter dated June 14, 2006.

**MIDCO DEEP INJECTION WELL OPERATING CONDITIONS**

- Table 1 summarizes the daily maximum injection pressure, sight glass levels, and minimum differential between injection pressure and annulus pressure. Figures 1 and 2 present the operating flow rates at the Midco I and Midco II Sites' GWTS, respectively. Figure 3 presents the daily maximum injection pressures and flow rates. The daily sight glass levels are shown on Figure 4.

- Total volume of treated water injected:

	Midco I Site	Midco II Site	Deep Well Site
June	1,225,634	2,243,566	3,469,200
Year-to-Date	7,425,683	10,706,817	18,132,500
Total-to-Date	110,446,069	153,987,731	264,433,800

- Annulus system fluid removals - None
- Annulus system fluid additions - None
- Noncompliance occurrences - None

#### SYSTEM SHUTDOWNS

- Table 2 details the Midco I and Midco II Sites' non-GWETS-related shutdowns, and the scheduled and non-scheduled GWETS-related shutdowns.
- The Midco I and Midco II Sites had no non-GWETS-related shutdowns.

#### SAMPLING AND TEST RESULTS

- The analytical results for the monthly effluent samples collected on May 22, 2006 at the Midco I and II Sites, were received from the data validator on June 9, 2006. The validated analytical results are presented in Tables 3 and 4. The effluent samples met the required maximum allowable concentrations (MACs).

#### PLANS AND PROCEDURES COMPLETED UNDER THE RD/RA PROJECT PLAN

- None during this reporting period.

#### ACTIVITIES TO BE CONDUCTED DURING JULY 2006

- Continue operation of the Midco I and II Sites' GWETS and injection of treated ground water.
- Continue operation of the Midco II Site SVE/AS system.
- Continue operation of the Midco I SVE system.
- Complete revision/updating the Midco Schedules, which is under discussion with R. Boice.

#### PERCENT OF COMPLETION OF THE RD/RA

- RD/RA Project Plans 100%
- Underground Injection Well Application Package 100%
- Investigation and Monitoring Activities 100%
- Remedial Design of GWETS 100%
- Remedial Action see Table 5

#### PROBLEMS ENCOUNTERED AND THEIR SOLUTION

- None